

MTH 391 School Curriculum Report.

For this assignment you will review the curriculum for one of the courses you are likely to teach at your High School placement. Usually these are one of the following courses (with some name variation, such as college-prep or honors): Pre-Algebra, Algebra 1, Geometry, and Algebra 2 (with or without trigonometry), and maybe Pre-Calculus.

You should work closely with your cooperating teacher to gather resources for the report you will put together.

Your report should contain the following elements:

1. A cover page
2. A page with the following information:
 - a. The school,
 - b. The course name,
 - c. A catalogue description of the course,
 - d. Intended audience of the course,
 - e. Pre-requisites for the course,
 - f. Pathways the students can follow given successful completion of the course,
 - g. List of resources *used* and *available* for the course (this includes textbook(s), guides for differentiation, guides for working with ELL students and students with special needs, assessment tools and resources, curriculum and pacing charts, technological tools and resources, such as graphing calculators, on-line resources and apps, and so on). Just create a list of these on this page.
3. Describe the scope and sequence of the course and explain the reasons for the order (sequence) in which the topics are taught and the amount of time and depth (scope) assigned. **Explain what changes you might make if you could and why.** Indicate your changes in appendix A (see next item). [one page]
4. Attach the course curriculum and pacing chart(s) as Appendix A. You should not create such a document if it does not exist. If that is so, explain in item 3 that such a chart is not available. For examples of curriculum charts see the course wiki page at <http://edc430-03.wikispaces.com/MTH+391> under Resources. There you will find the Algebra 1 and Geometry charts for Coventry HS (courtesy of Mrs. Anne McCardle).
5. Describe what your cooperating teacher and his/her department has been doing over the past 4 years or so to prepare the course for the transition to the Common Core State Standards (CCSS). [1 page]
6. Evaluate the textbook or text resources that your cooperating teacher uses for this course using the Math Rubrics for Analyzing Instructional Materials, which can be found on the following Wikispace under the heading

- assignments: <http://edc430-03.wikispaces.com/MTH+391>. Attach your evaluation as Appendix B. Include a narrative of how you arrived at your overall evaluation for the four areas of the rubric: Math Content, Work Students Do, Assessment, Work Teachers Do. List specific evidence that you used for each section. [2 pages]
7. Finish this report with a summary of your findings and a statement as to how you view the role and use of the materials and resources that you studied. Explain how you plan to use these resources during student teaching. Explain what else you need to do to know what it is that needs to be taught in the chosen course. Include a plan of action for this. Describe which experiences and content in your mathematics courses at URI were helpful in gaining insight in the *structure* of the course curriculum. [1-2 pages]
 8. If you are placed with a fellow student teacher in the same school, you can work on this report collaboratively if your cooperating teachers teach the same course and you are both likely to teach that course in the spring. In that case include a statement as to how you distributed your work.